



PRODUCT DATA

4046

Gloss Urethane 5002

Description: A two component, HAPs-free, acrylic urethane formulated for use as an exterior high gloss finish in industrial environments and bridge construction over properly primed substrates.

Typical Uses: Exterior finish coating for protection storage tanks and bridge substrates. Formulated to provide high gloss with excellent gloss and color retention. Suitable as finish for two coat systems applied over kaolin clay or food commodity tanks, where long lasting finishes are required.

Special Qualifications: n/a

Dry Temperature Limits: 200 deg.F

Surface Cleanliness: Surfaces should be clean and dry. Remove all oil, grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

Application Equipment: Brush, Roller, Airless or Conventional spray. To obtain maximum edge protection and film build, spray application is recommended.

Application Conditions:

- Noncontaminated profile (pretreat and blast contaminated surfaces)
- Dry, dust-free metal surface
- Metal temperature above 60 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 90%
- Material temperature between 70 and 90 deg.F

Primer: 1356,305,P-192,P-281,P-300,7510,7500,E-433 OR ANY GOOD EPOXY PRIMER OR INTERMEDIATE COAT

Thinner: T-153

Clean Up Solvent: T-153

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: High Gloss

Color: Black, White, Gray, Red, and other colors available subject to minimum order.

Volume Solids: 65.5%, (mixed)

VOC: 2.39 lbs./gal. (286 g/l), (mixed)

Flash Point: 102 deg.F

Mixing Ratio: 4:1 by volume

Dry Film Thickness: 2 mils

Wet Film Thickness: 3 mils

Theoretical Coverage: 1051 sq.ft./gal.@ 1 mil

Induction Time: none required

Pot Life Time: 2 hours @ 77 deg.F

Shelf Life Time: 1 year

Dry Time: @ 77 deg.F (25 deg.C)

Set to Touch	2 hours
Tack Free	5 hours
Dry Hard	8 hours
Recoat	12 hours

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